

Name: \_\_\_\_\_

Class/Set: \_\_\_\_\_

# Accuracy Revision

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1: Round to the required accuracy:

a) 65.7518894 to 4 d.p. = \_\_\_\_\_

b) 0.354083764 to 5 d.p. = \_\_\_\_\_

2: Round to the required accuracy:

a) 0.00989767 to 2 s.f. = \_\_\_\_\_

b) 933.8848 to 5 s.f. = \_\_\_\_\_

3: Give the following bounds:

a) 44300 mm (nearest 100 mm)

lower bound = \_\_\_\_\_

upper bound = \_\_\_\_\_

b) 87.2 g

lower bound = \_\_\_\_\_

upper bound = \_\_\_\_\_

4: Work out the following:

a) If  $w = 1.5$  and  $f = 5.6$ , find the highest possible value of  $w \div f$  (to 3 sf).

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b) If  $x = 8.8$  and  $s = 8.1$ , find the lowest possible value of  $x + s$ .

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